



southern california dx club

January 2005

W6AQ/ZK1AQ1



Dave Bell, W6AQ, knows how to pick a great spot for DXpeditions

Soap Box— Words from our President



I would like to start off by saying thank you to my board and all the wonderful things we accomplished this year. We had a great convention, picnic and the holiday party was wow! 85 people attended and all we did was socialize.

The second thing is I enjoyed the members of the club and thoughtfulness of each and everyone of you and for all the new members that have joined, I hope to see you at the meetings and also as the months go by take an active interest in possibly becoming a board member in the future. The key to our success is, social, fun and more fun, oh and of course without saying working every country that we can hear.

Third and last thing - we should have our tower planted mid January and new leaves blossoming shortly after. See this is how a YL thinks of a tower and antenna springs up. Thanks to Skip KJ6Y and Larry K6YUI for their help on that Thursday you all did a great job!

May your New Year be one of good health, good friendships, and more DX. Prayers to all my friends and new friends to come. Love to you all and I plan on staying very active with the new board and attend as many club meetings as possible.

73, 33, & 88
Cathy Gardenias, K6VC

de the Veep

I want to thank everyone who helped with the holiday Party, especially Charlotte, KB6FXS who handled the ladies prizes and did a wonderful job. We had a great turnout with the final total being 85 members and others in attendance. Ernie, N6HY was the grand prize winner and he walked away with a W2IHY 8-Band audio equalizer & noise gate, Heil PR-20 full range dynamic microphone, Heil PL-2T PROLINE articulated boom, Heil SM-1 spider shock mount, and a Heil FS-2 dual foot switch. Julius Jones, W2IHY (www.w2ihy.com) graciously donated the audio equalizer and the next time you see Janet at Ham Radio Outlet or see Bob Heil at one of the meetings be sure to thank them for their continued support of the club.



Several people have asked, why no program for the holiday party? Several people had suggested that we try it without a program, just a social event and some time for everyone to visit and make the rounds of the different tables. I was not so sure about this approach at first. But, I brought it up at several meetings and the overwhelming majority decided we should give it a try. So that is what the board decided to do. I encourage you to send me an e-mail and let me know what you thought about how things went and if you would like us to do it this way in again in 2005.

I hope everyone had a great holiday season, I know all of us have a lot to be thankful for even if at times it does not seem like it in the day to day trials of life. But if you will stop for a second and look about at

Next General Meeting

The SCDXC meets the second Thursday of the month. Our next meeting will be held January 13, 2005 at Syd Kronenthal Park in Culver City. The park is located 4 blocks west of La Cienega Blvd. and 2 blocks south of Washington Blvd. From the 10 Freeway exit La Cienega south to Washington Blvd. Turn right (west) 4 blocks to McManus Ave (it's La Cienega Ave to the right, McManus to the left). Turn left (south) 2 blocks to the Park. The street dead-ends at the parking lot.

Please do not park in the school lot.

The program for January will start with elections and then Mike Mraz, N6MZ will demonstrate the new Icom IC-7800.

See ya there!

your family and friends I'm sure you will find more than your share of things to be thankful for. Like the wife who while she doesn't understand it, puts up with you getting out of bed at 3:00am during the winter months to go in the radio room and scream November Six Delta Hotel Zulu into the mic. She also puts up with you bouncing back in to the bedroom waking her and telling her about getting the 3Y0 on 75m in one call. Or the fellow club member and his wife who don't mind you waking them up in the early morning hours and barge in to their shack to work the VU4.

It looks like the voters have spoken and as is the trend in national, statewide and local elections a small fraction of the eligible voters in the ARRL Southwestern Div. made the effort to vote. The numbers are somewhere in the 33% range, sad isn't it that even when you pay for the right to vote, such a small number actually do. I would like to congratulate Dick Norton, N6AA on his election as Southwestern Div. Director. I look forward to seeing what Dick has in mind for the Southwestern Div. in the coming term. I would also like to thank Tuck Miller, NZ6T for his years of service to the ARRL and the amateur community. I look forward to seeing both Dick and Tuck at some of our meetings this year.

Speaking of elections, January is our elections for officers for 2005. If you are interested in running for an office or a director's position please let me know. All offices and directors positions are open so feel free to run for the office of your choice.

Recently we passed an anniversary I truly did not think we would see. Yes it is the third anniversary of our buddy Jack Gerritsen being reported to the FCC. What has been done you ask in these three years? On the surface a lot... a lot of paper work shuffled back and forth between the FCC and Gerritsen. When it comes to something substantial being done about removing him from the air... nothing I can see. What is it Gladstone said? "Justice delayed is Justice denied".

We will have a very busy meeting the month. We will of course have elections and Mike Mraz, N6MZ (VKØIR, ZK1XXP, 9M6OO, XRØX, FT5XM, TOØR among others) will be stopping by to demonstrate the new Icom IC-7800. Yes a real working IC-7800 live and in person.

73 DE Jim, N6DHz

BUBBA's Spot

The year is almost over and Bubba looks back. The SCDXC holds most of the memories of last year for me. Monthly meetings, Visalia, picnics, BBQs and parties.

The year finished up with a great Holiday

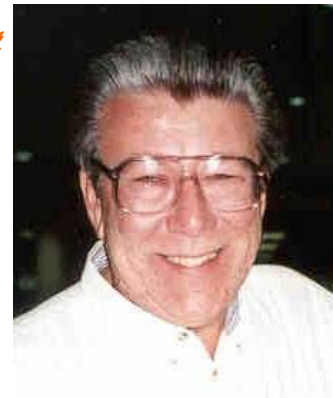
party at the Orange Hill restaurant. We had a "private room" that filled up quickly. There were 85 people in attendance and I know everyone had all they wanted to eat. I did my usual "ate-to-much" thing, but I'm not sorry. Jim, N6DHz, did a great job on the raffle with lots of great prizes. I heard the turnout was the biggest ever. Spread the word for next year!

Janie, K6ZPL, and I really enjoy the SCDXC and the many new friends we have made in the club. We are looking forward to the New Year and the many events, starting with Visalia, my favorite. I can't wait to see the people I see only once a year. I found out The Monument, Otto, W5YU will be there along with his Elmer, Phil, W6UC and silent partner, Dave, W6ANR. They will be holding court in the bar along with many other famous DXers. Stop by and look for the biggest crowd. I'll be hanging around trying to learn something new about DXing on 75m.

I hope everyone had a good Holiday Season and like me, am ready for the New Year and all the fun that's waiting for us.

One more thing, no more Secretary for me, I will be running for Vice President. Remember, a vote for Bubba is a vote for Bubba. Thank You!

Good DX to all,
W6ZPL, BubbaBob



DUES ARE PAST DUE

Remember, on Dec 31, club dues will be past due.

Eighteen bucks sent to the MEMBERSHIP CHAIR will insure your membership in the best DX Club in the USA and allow you vote for officers in January.

Send a check now to the club Membership Chairman, Larry, K6YUI

Propagation January 2005

by Shel, W6EL



These predictions for the five prime HF bands show the times when propagation is expected to be best from Los Angeles to several locations that are expected to be active during the coming month.

Other times are possible, but with weaker signals or lower probability. Openings are not expected on bands

that are not listed. A solar flux of 95, corresponding to a sunspot number of 37, and an average geomagnetic field are assumed. Sunrise/sunset times are at the DX location. All times are UTC.

Good luck and good DX from Shel, W6EL.

3G Easter Island - 1/8 to 1/18 -
Beam 171 degrees
Sunrise/sunset (on 1/13) 1241/0211
80: 0500-1130.
40: 0300-1230.
20: 0100-0800 and around 1400.
15: 1530-0200.
10: 1630-0030.

8Q Maldives - 1/9 to 1/17 -
Beam 342 degrees
Sunrise/sunset (on 1/13) 0123/1310
40: 1230-1530.
20: 1630-2200 and 0100-0130. Long path around 0200.
15: 1800-1930.

XU Cambodia - 1/9 to 1/20 -
Beam 310 degrees
Sunrise/sunset (on 1/15) 2327/1051
80: 1300-1430.
40: 1130-1500.
20: 1630-1730.
15: 2330-0030.

KG4 Guantanamo Bay - 1/18 to 1/25 -
Beam 99 degrees
Sunrise/sunset (on 1/22) 1141-2243
80: 0230-1200.
40: 0030-1300.
20: 1500-2400.
15: 1700-2130.

3Y Peter I Island - 1/21 to 2/5 -
Beam 170 degrees
Sunrise/sunset (on 1/29) 0836/0354
80: 0530-0800.
40: 0400-0900.
20: 0130-0330 and 0430-0630.
15: 2130-2200.

ELECTIONS of OFFICERS

Candidates for SCDXC officers were invited to submit short statements for publication at this time.

DAVE BELL—nominee for DIRECTOR

I was president of the SCDXC in the late 70's, on the board after that, and chairman of the International DX Convention in 1980, the year of the "Jackets." I think that was the first year we had commemorative patches and sold raffle tickets, having really big prizes to justify buying the tickets, etc. I like not-for-profits such as the SCDXC to have healthy treasuries. I'm running for the board because I feel that in an era of threats such as BPL, clubs like ours need to exert their influence whenever and wherever appropriate and become more proactive. The days are gone when just reacting to a problem facing us is an adequate response. We have to try to anticipate problems and fix them before they become unfixable. 73,

HOWARD ELOVITZ—nominee for DIRECTOR

Howard was first licensed as K9SYA in 1958. Moving to Southern California five years ago, he applied for the vanity call of W6EGZ. One of the highlights of the hobby for Howard has been the ability to talk with Hams in other countries and having the opportunity to meet some of them as he traveled. In the 60's he became active in RACES and MARS and set up a station in the lobby of a local bank so people could send radiograms to their family members who were serving overseas during the Viet Nam War.

Using his engineering background and equipment borrowed from Tektronix, Howard helped develop one of the largest multi-site repeater systems in Chicago. He later became president of the organization. As a member of the SCDXC for close to five years, he became a board member to learn more about the organization and contribute to its continued success. This year he has accepted the nomination to continue as a board member and on the path he started last year.



IOTA activity

By Fred N6AWD

A team of 5 operators will activate two rare islands in South Baja California Mexico during the period from January 10th to the 15th. The call sign is XF1K and will be on the air from NA-164 Asuncion island and NA-165 from Santa Ines island, using both ssb and cw. Both these

island groups have not been on the air for over 10 years. Team leader is Hector XE2K and part of the group is Ray N6VR, Norm N6JV and two Mexican hams from Hermosillo. QSL cards will be handled by N6AWD.



In February a brand new activation will take place off the coast of Chile using the call sign CE8A. The group of operators consist of Mike K9AJ, Mario CE6NE [who also is the QSL mgr. for this operation], Bruce KD6WW and Marco CE6TBN. The island name is Rennell part of the Ultima Esperanza province south group. The length of the operation will be four days.

January is the month for the annual update with the deadline being the 31st of the month. For our area the check point is Don W9DC. Any one wishing further information concerning IOTA updates can check Don's web page at www.w9dc.com. The annual listing of members is published yearly in the summer on the RSGB IOTA web page.

Elections at the January meeting

Club officers for the year 2005 will be elected at the January meeting. The list of nominees are:

President:	Jim Shryne, N6DHZ
Vice President:	Bob Paquette, W6ZPL
Secretary:	Steve Shane, W6NRQ
Treasurer:	Doc Holub, WA6OGO
Membership:	Larry Mallek, K6YUI

Directors (2 positions open)
Charlotte Iseda, KB6FXS
Howard Elovitz, W6EGZ
Dave Bell, W6AQ

This will be an open election and nominations will be taken from the floor.

A reminder. You must be a "paid-up" member to run for office or to vote.

2005 INTERNATIONAL DX CONVENTION

Apr 15-17, 2005 - 2005 International DX Convention, sponsored by Northern California DX Club, will be held at the Holiday Inn Hotel & Conference Center, Visalia, CA. Convention website: <http://www.ncdxc.org/> Contact Dick Letrich, W6KM, 408-267-2624, dlw6km@aol.com





WX rpt de N6OU

CAZ046-053-054-212230-

LOS ANGELES COUNTY MTNS EXCLUDING THE SANTA MONICA RANGE- SANTA MONICA MTNS RECREATIONAL AREA-VENTURA COUNTY MOUNTAINS- 900 AM PST SUN NOV 21 2004

.A WIND ADVISORY REMAINS IN EFFECT UNTIL 230 PM TO-DAY.

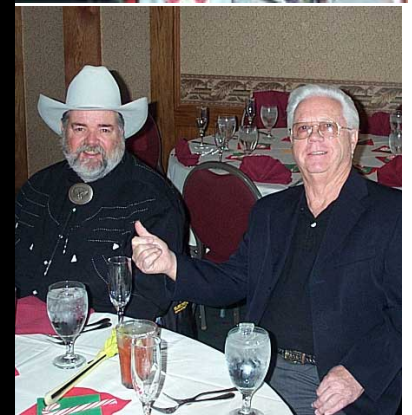
AN UPPER LEVEL CUT OFF LOW MOVING OVER S. CA HAS BROUGHT STRONG NE WINDS & RELATIVELY COLD TEMPS TO THE LOCAL MTN & FOOTHILL REGIONS. THE COMBINATION OF THESE STRONGS WINDS & COLD TEMPS HAS RESULTED IN LOCAL WIND CHILL TEMPS IN THE SINGLE DIGITS.

WINDS WILL BE FROM THE NE 30 TO 40 MPH WITH LOCAL GUSTS TO 65 MPH. THE STRONGEST WINDS WILL BE ON EXPOSED PEAKS & THROUGH & BELOW PASSES & CANYONS.

MOTORISTS.ESPECIALLY OPERATORS OF HIGH PROFILE VEHICLES.ARE URGED TO USE CAUTION WHILE TRAVELING IN THE ADVISORY AREA. BE PREPARED FOR SUDDEN GUSTY CROSS WINDS WHICH CAN CAUSE VEHICLE LOSS OF CONTROL.



Pictures of the new tower installation will be printed soon.





Off And Running with W6AQ

About a month before the CQ WW Phone Contest, I emailed my friend Victor, ZK1CG, to find out if anybody on the South Cooks was going to be operating the contest. Victor, who knows everything that's happening on the islands responded that while a Swedish ham was going to be there, he wasn't a contester so why didn't I come out and use Victor's station? And bring my Acom 1000 for a little boost.

My wife Sam (N6FTW) is always ready to travel, even if she's been there before (in this case exactly one year before when Don, K6IPV and I operated ZK1SSB in the same contest). So I checked Aloha, got a couple of fairly cheap tickets, and about a week before the contest showed up in Burbank to fly to Honolulu and on to Rarotonga by way of Samoa. Twenty-four hours later, we arrived in Raro and Victor and his pal Tom picked us up and dropped us at our condo, which happens to be almost right behind Victor's place, on the ocean.



We had an absolutely terrific time. Victor is not only a great host, but a good contester. Doing multi-single, we made 3,169 Qs for 3,235,328 points. And that's with no Internet spotting and no second radio to search out multipliers. IE: as contesting goes, this was pretty casual. We even took a couple of hours off in the middle of the contest to have breakfast with a newspaper reporter so he could write an article in the local paper about this crazy television producer who flies to the South Cooks to participate in a ham radio contest with their well known computer repairman/locksmith and resident genius, Victor, ZK1CG. Even with that PR break, Victor and I know for sure we won for the Cook Islands.



After the contest, as widely advertised, I got on 160 and 80 CW and worked as many of the deserving as I could hear. What fun. I worked more people from there in one loooooonnnng night on 160 than I have from home in the last decade. ZK1 is a great vacation spot. It's like Hawaii 30 years ago. I like it. So would you.

Dave, W6AQ/ZK1AQT



2005 DX CONVENTION

A note from George, W6YD.

I Just wanted to give this info for the deserving down there. The Official Website is up at the following URL:

www.ncdxc.org/Ncdxc/Convention/

Anyone wishing to register, may download a pre-reg form on the site.



A romantic evening — DAVE, THE BANDS ARE OPEN!



L to R, Victor, ZK1CG, Jim, ZK1JD, Dave, ZK1AQT, and Sam, ZK1SSB (soon to be W6QLT) -- she's a demon quilter, you see, at one of Rarotonga's many excellent restaurants. I DXpedition where jet planes land and there are good restaurants, as well as friendly hams and these two guys define the word "friendly."

After I had made all of the arrangements to use Victor's shack for the CQWW Phone Contest, he said, "By the way, my rotor blew up, but the rope on the front of the antenna works well." I decided I wasn't going to be stumbling around in the pitch black around Victor's house, trying to get an antenna pointed where I wanted it, so I scrounged around the garage, came up with a good used Ham M, had KD3V test it, and carried it and a ton of other stuff baggage on Aloha out to Victor. He (left) replaced his old one while his pal Tom, ZK1TW, kept the KT34 from biting the dust.



Steve's Corner - My First Radio Teletype QSO



I always felt that there was something a bit odd about Radio Teletype, RTTY (writ-tee) in our parlance. It's the idea that there is an intermediary needed, a translator to interpret for me what the sounds "mean." In fact, all of the new digital modes operate in that same mysterious way. Without some form of artificial electronic intelligence, the signals are no more than a bunch of noise. At least on CW and SSB you're your own decoder. Nothing else is needed. (Although it seems that the alphabet impaired remain alive and well when you check out the DX pileups!)



The other drawback for me was the idea of the several hundred pounds or more of the mechanical machine it took to operate RTTY. And then there was the space for it and the need to become an expert mechanic to keep the thing running. As if that weren't enough, my ability to type has never been something I've ever considered as one of my strong suits. Those hearty souls who were QRV in the early days certainly earned their QSOs.



So I was never chopping at the bit to operate RTTY. A few months ago, I downloaded some shareware software for my Mac — MultiMode from Black Cat Systems (<http://blackcatsystems.com/>) just to "play." This software lets you operate RTTY, PSK31 and a bunch of the other digital modes. No teletype machine needed for RTTY. Just some audio cables and a control signal for the PTT line.



I decided I'd try to "print" some RTTY so I connected some open plugs and clip leads for audio in and out. Now could I copy anything? I tuned to the 14080 region of 20m and found some signals. I configured the software, tuned carefully and my screen was printing:

5Z4DZ QRZ JA UP



I continued to play with the software and the connections, adjusting levels and settings. Then 5Z4DZ opened up to all callers. I thought I'd give it a try but I didn't have an interface built to operate the PTT line. I wouldn't be able to transmit despite the software toggling to transmit mode. What to do? Then it hit me. The footswitch I use for SSB (never have liked VOX) was right there on the floor and connected to the PTT line of the rig. So I tuned to the last Qs frequency, set the rig for split, pressed the footswitch and put the software to work. 5Z4DZ came right back! A quick trade of contest style 599s with a few taps of the footswitch and it was complete. My first ever RTTY QSO and with a semi-rare DX station to boot! It only took me more than forty-five years to try this mode. I then went on to a PSK31 QSO with FSPTT (footswitch PTT). It worked too. I've subsequently made some proper cables and a switch box to select either the SSB mic or the computer audio connections as well as an optoisolator PTT interface.



What I've come to appreciate is that RTTY signals can be difficult to print unless the signals are strong and that PSK31 Qs can be had at low power with "warbles" that may be a little more than just above a whisper. Certainly both ends of the digital mode operating spectrum.

If you've got a Mac and want to try an RTTY, PSK31 or other digital QSO, MultiMode is for you. Contact me if you want to know the specifics of how I connected my Mac to the rig. Oh, yes, MultiMode will also decode and transmit CW — but it'll be a cold day in hell when you catch *me* using a translator for CW. The one between my ears works just fine, thank you!



See you in the pileups!

73, Steve WB6RSE



Inland Empire Council of Amateur Radio Organizations

Proudly Presents the

2005

ARRL SOUTHWESTERN DIVISION CONVENTION
RIVERSIDE CONVENTION CENTER
RIVERSIDE, CALIFORNIA

September 9-11, 2005

"Hams are family, here and everywhere"

ARRL Forums

Antenna and Propagation Forums
Contesting / DX Forums
Sunday T-Hunt
Wouff Hong

Saturday Luncheon
Sunday Breakfasts (DX & VHF/UHF)
Grand Banquet guest speaker:
H. Ward Silver, N0AX
Author of
"Ham Radio for Dummies"

Convention Highlights Include:

Low Power (QRP)
Public Safety Demonstrations
Prize Drawings in every program
Thousands of dollars in prizes
(see our web site for a list of prizes & raffle info)
VE Testing
Non Ham Forums

For hotel and updated information see our web site at: <http://arrlswdconv.org>

Mail-In Registration Form

ITEM	QUANTITY	COST	AMOUNT
Early Bird Registration (before April 30, 2005)	_____ @	\$10.00	\$ _____
Pre-Registration (May, 1 to Aug 21, 2005)	_____ @	\$12.50	\$ _____
Late or On Site Registration (after Aug 21, 2005)	_____ @	\$15.00	\$ _____
Kids Registration (16 & under with paid adult)	_____ @	FREE	\$ _____
Saturday Luncheon (before Aug 21, 2005 <u>ONLY</u>)	_____ @	\$20.00	\$ _____
Saturday Grand Banquet (before Aug 21, 2005 <u>ONLY</u>)	_____ @	\$35.00	\$ _____
Sunday DX Breakfast (before Aug 21, 2005 <u>ONLY</u>)	_____ @	\$17.00	\$ _____
Sunday VHF/UHF Breakfast (before Aug 21, 2005 <u>ONLY</u>)	_____ @	\$17.00	\$ _____
(ALL registrations must be paid for or postmarked by dates shown above)		TOTAL	\$ _____

Please make checks payable to: IECARO and send to: 2005 ARRL Convention P.O. 6532 Norco, CA 92860-8051

Below information will be shown on registration badge, so please print legibly

NAME: _____ CALL: _____

ADDRESS: _____ CITY: _____ STATE: _____ ZIP: _____

EMAIL ADDRESS: _____ CLUB(S): _____

In the NEWS

SB QST ARL ARLB038**ARLB038 FCC proposes additional fine for former amateur licensee**

Fast on the heels of a \$10,000 Forfeiture Order (FO), the FCC has now proposed to fine Jack Gerritsen, ex-KG6IRO, of Bell, California, an additional \$21,000 for interfering with Amateur Radio communications. Gerritsen has been the target of numerous complaints of insistent interference to numerous ham radio repeaters. The FCC affirmed the \$10,000 forfeiture in October. The newly proposed fine stems from further specific alleged instances of interference earlier this year.

NEW MILITARY RADIO SYSTEM: TROUBLE FOR GARAGE DOOR OPENERS

More than 100 military bases around the nation will soon add a new radio system operating in the 390 MHz band, where spectrum will be shared with millions of garage door openers.

Pentagon sources say the system's adverse effects will primarily be confined to garage doors located within 10 miles of a base, although in some cases interference will be noticed much further.

FCC FORFEITURE WATCH - PROPOSED \$125,000 FINE AGAINST PILOT T.C.

The FCC has proposed a \$125,000 fine against Pilot Travel Centers (truck stop retailers). In response to complaints that Pilot was selling non-authorized CB transmitters at its travel centers (e.g. Amateur Radio Service transmitters that could be easily modified to operate on CB frequency bands), the Commission initiated an investigation and issued nine Citations. The \$125,000 proposed forfeiture was based upon the company's continued sales of transmitters on thirteen occasions after the issuance of those Citations.

In its Notice of Apparent Liability, the Commission reaffirmed that Amateur Radio Service transmitters that can be easily modified to operate on CB frequency bands are CB radio transmitters and therefore subject to FCC equipment authorization requirements. The problem with CBers using ham gear is two-fold: Ham equipment is relatively high powered and can easily operate on frequencies not authorized to CBers.

FCC FORFEITURE WATCH - PIRATE FINE REDUCED

The Commission has reduced the fine for Angelo Avena from \$10,000 to \$1,000 based on Mr. Avena's inability to pay the larger amount. Avena had repeatedly operated an unlicensed radio transmitter on 87.9 MHz after being warned by the FCC not to do so. The incidents occurred in Linden, New Jersey.

BUSH ORDERS AGENCIES TO DEFINE SPECTRUM USE

President Bush has issued a memorandum directing executive departments and agencies to better manage their current and future radio spectrum use. "Under the existing framework, the federal government generally reviews every change in spectrum use," Bush said in the memo. "This process is often slow and inflexible, and can discourage the introduction of new technologies." This may finally reform the 6 month typical wait for IRAC to approve some license applications in shared government bands, according to one informed party.

WIRELESS INVENTOR HAS HIS EYE ON WATCHING LOCAL TV FROM ANYWHERE

A 57-year-old New York inventor, entrepreneur and amateur radio operator who has spent a considerable amount of time living and working in Moscow has found a way to satisfy his desire to tune in local television programming wherever he can access a broadband Internet connection. Ken Schaffer, N2KS, is touting his "TV2Me" as the wave of the future, and he hopes to turn development over to a company that can lower the price to \$1,000 within a year.

Ed note: Thanks Urban for clipping these for us.

Who We Are

The SCDXC Newsletter is published monthly by the Southern California DX Club and is e-mailed to all club members.

Please notify the editor if you do not receive your newsletter, have a change of address, or have found an error.

Please direct all submissions to the editor.

The SCDXC generally permits re-use of any article in the Newsletter as long as the newsletter and the article's author are credited. However, some articles may be copyrighted by the author. Please contact the editor.

Club Repeater: W6AM/R
145.48 MHz, 100 Hz PL
Club Web Site: www.scdxc.org

Newsletter Editor:
Harvey Shore K6EXO
6433 Pat Ave West Hills, CA
91307
(818) 716-5681
E-mail: harv@scdxc.org

FOR SALE

Used Hi Gain HiTower

Good price. You pick up.

Email N6OU

WANTED

Articles for the SCDXC Newsletter.

You can make this the best newsletter in Southern California by sending the editor articles, photos and QSLs with a story.

The editors e-mail address is:

harv@scdxc.org



**Expert Tower and Antenna Installation, Sales and Service
New and Used Equipment
TV Systems - Satellite TV**

Skip Bolnick, KJ6Y
22712 Califa Street
Woodland Hills, CA 91367
(818) 887-3569
e mail KJ6Y@aol.com
<http://members.aol.com/kj6y/skip.html>

**COMMUNICATIONS
SERVICE COMPANY**

A Plan for 2005

Buy New rig.

Higher tower

Get 2nd 87A

DXpedition w/W6AQ

Work 10 new ones QRP

Bigger antenna

P5 computer w/2GB memory

Write two articles for Newsletter

MEMBERSHIP APPLICATION, New or Renewal

Return to membership chairman: Larry Mallek 2528 Britain Way, Anaheim CA, 92801-1413

CALL _____ NAME _____ DATE _____

MAILING ADDRESS _____

CITY/STATE/ZIP _____

E-MAIL _____

HOME TELEPHONE (____) ____ - _____ WORK TELEPHONE (____) ____ - _____

SCDXC Dues are \$18.00 per year, make checks payable to SCDXC